

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>FP2130</b>	FOR FURTHER ACTION      see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/SG 2003/000294</b>	International filing date (day/month/year) <b>30 December 2003 (30.12.2003)</b>	(Earliest) Priority Date (day/month/year)
Applicant <b>AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH</b>		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 5 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (See Box II).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.: 1

☒ as suggested by the applicant.

☐ None of the figures.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

**Box III TEXT OF THE ABSTRACT** (Continuation of item 5 of the first sheet)

Inclusions in a transparent panel (5) are detected by placing a light-transmissive interface (3) in contact with the panel (5), and transmitting a beam of light (1) through interface (3) into panel (5). Within the panel (5), the light beam (7) propagates along a path including total internal reflections at surfaces of panel (5). When the light beam (1) intercepts inclusions (10) or other defects at least some of it is scattered, and leaves the panel (5). This scattered light is then observed. Thus, a large zone of the panel (5) can be inspected, with light only being detected in the case that it arises from scattering by inclusions or other defects.

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SG 03/00294-0

## CLASSIFICATION OF SUBJECT MATTER

IPC<sup>7</sup>: G01N 21/95, 21/89, 21/88, 21/958

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC<sup>7</sup>: G01N 21/95, 21/958

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, PAJ, WPI

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4645337 A (R.J. OBENREDER) 24 February 1987 (24.02.1987) <i>abstract; claims; fig. 1.</i>	1,25
A	US 4401893 A (A. DEHUYSSER) 30 August 1983 (30.08.1983) <i>abstract; column 1, line 5 - column 2, line 23; claims; fig. 1,2.</i>	1,25
A	JP 2001 305072 A (ADVANTEST CORP. et al) 31 October 2001 (31.10.2001) (abstract)[online] [retrieved on 11.03.2004] Retrieved from: WPI/PAJ Database <i>abstract.</i>	1,25
A	JP 2000 074848 A (HOYA CORP) 14 March 2000 (14.03.2000) (abstract) [online] [retrieved on 11.03.2004] Retrieved from: WPI/PAJ Database <i>abstract.</i>	1,25

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

„A“ document defining the general state of the art which is not  
considered to be of particular relevance„E“ earlier application or patent but published on or after the international  
filing date„L“ document which may throw doubts on priority claim(s) or which is  
cited to establish the publication date of another citation or other  
special reason (as specified)„O“ document referring to an oral disclosure, use, exhibition or other  
means„P“ document published prior to the international filing date but later than  
the priority date claimed„T“ later document published after the international filing date or priority  
date and not in conflict with the application but cited to understand  
the principle or theory underlying the invention„X“ document of particular relevance; the claimed invention cannot be  
considered novel or cannot be considered to involve an inventive step  
when the document is taken alone„Y“ document of particular relevance; the claimed invention cannot be  
considered to involve an inventive step when the document is  
combined with one or more other such documents, such combination  
being obvious to a person skilled in the art

„&amp;“ document member of the same patent family

Date of the actual completion of the international search

11 March 2004 (11.03.2004)

Date of mailing of the international search report

3 May 2004 (03.05.2004)

Name and mailing address of the ISA/AT

Austrian Patent Office

Dresdner Straße 87, A-1200 Vienna

Facsimile No. 1/53424/535

Authorized officer

ERBER H.

Telephone No. 1/53424/410

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG 03/00294-0

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 06 082392 A (NHK SPRING CO LTD) 22 March 1994 (22.03.1994) (abstract) [online] [retrieved on 11.03.2004] Retrieved from: PAJ Database <i>abstract.</i>	1,25

Patent document cited in search report			Publication date	Patent family member(s)		Publication date
JP	A	82392A2		none		
JP	A	20000748 48A2		none		
JP	A	20013050 72A2		none		
US	A	4401893	1983-08-30	EP	A 0071202	1983-02-09
US	A	4645337	1987-02-24	none		